

## **NIEHS** Laboratory of Molecular Carcinogenesis

### **Molecular Toxicology and Carcinogenesis (HNV 00-23)**

A postdoctoral position is available in the Molecular Toxicology Group to investigate molecular alterations and gene expression changes during liver and lung chemical carcinogenesis in mouse models. Particular emphasis is on oxidative stress mechanisms involved following treatment with nongenotoxic carcinogens. Current projects include cDNA microarray analysis of livers after carcinogenic doses of nongenotoxic carcinogens, related studies on markers of oxidative stress, and studies on the role of beta-catenin and Wnt signaling in mouse liver carcinogenesis. The overall work environment is highly interactive, and there are excellent analytical and other support services. Extensive experience in molecular biology and biochemistry is required. Applicants must have a Ph.D.

Applicants must not possess more than five years of postdoctoral experience. To apply, submit a cover letter, curriculum vitae, bibliography, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** Theodora R. Devereux, Laboratory of Molecular Carcinogenesis, MD D4-04, 919-541-3241, fax: 919-316-4620, e-mail: [devereux@niehs.nih.gov](mailto:devereux@niehs.nih.gov)

## **NIEHS** Laboratory of Molecular Genetics

### **DNA Replication Fidelity (HNV 01-02)**

To investigate molecular mechanisms of DNA polymerase fidelity using structure-function analyses both *in vivo* and *in vitro*, combining methods of microbial genetics, molecular genetics, and enzymology. Candidates should have strong analytical skills and a practical background in microbial genetics and/or molecular genetics.

Applicants must not possess more than five years of postdoctoral experience. To apply, submit a cover letter, curriculum vitae, bibliography, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** John W. Drake, Laboratory of Molecular Genetics, MD E3-01, 919-541-3361, fax: 919-541-7613, e-mail: [drake@niehs.nih.gov](mailto:drake@niehs.nih.gov)

## **Advertising Information and Rates**

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# UNIVERSITY OF WASHINGTON

## Faculty Position

The Department of Environmental Health, School of Public Health and Community Medicine at the University of Washington, seeks applicants for regular faculty appointments at the level of assistant or associate professor.

The Industrial Hygiene and Safety program, which offers both Masters and Ph.D. level training, seeks applicants with an academic research focus on topics related to exposure assessment, with emphasis in chemical sampling, analysis, and instrumentation or aerosol sampling. Appropriate research areas would include the development of novel sampling methods, analysis of samples in complex matrices, development and improvement of analytical instrumentation, and development of real-time sensors. Research and teaching interests in chemical or aerosol exposure assessment, exposure control measures, chemical protective clothing or personal protective equipment, and respiratory protection also would be appropriate.

Numerous opportunities for collaborative teaching and research are found within the Department of Environmental Health, other University Departments, and with the Washington State Department of Labor and Industries. Applicants also may participate in several Federally funded research centers conducting interdisciplinary research and outreach activities on topics such as agricultural safety and health, particulate matter, ecogenetics, and childhood health.

Successful applicants will be expected to play a leading role in the Industrial Hygiene program of the Northwest Center for Occupational Health and Safety, teach graduate and undergraduate courses, direct graduate thesis research, and develop a strong extramurally-funded research program.

Requirements: an earned Ph.D. or other doctorate in a relevant science or engineering field.

Applications should be submitted by Oct. 24, 2001 or until the position is filled. Send curriculum vitae, a statement of research goals and objectives, teaching interests, and career goals, together with the names of 4 references to:

Chair, Industrial Hygiene & Safety Search Committee  
Department of Environmental Health, Box 357234  
University of Washington  
Seattle, WA 98195-7234

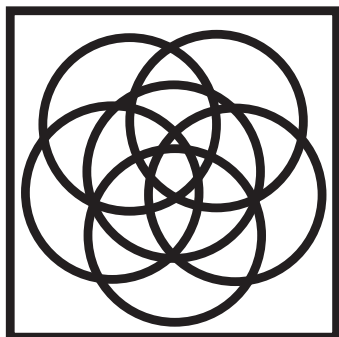
<http://depts.washington.edu/envhlth/>

The University of Washington is building a culturally diverse faculty and strongly encourages applications from women and minority candidates.  
AA/EOE



## Joint Degree Program in Law, Health & the Life Sciences™

UNIVERSITY OF MINNESOTA



The **Joint Degree Program in Law, Health & the Life Sciences** at the **University of Minnesota** is training experts in the legal, ethical, and policy problems posed by health, the life sciences, and the environment in the 21st century. Our students are becoming leaders in areas such as health care policy, intellectual property issues in biotechnology, and environmental law.

Students in the **Joint Degree Program in Law, Health & the Life Sciences** are able to obtain a J.D. together with an M.S. or Ph.D. in less time and with more academic support than if they pursued the two degrees separately. Students are also able to take advantage of close relationships we are building between the Program and practicing attorneys, policymakers, and business people.

The **Joint Degree Program in Law, Health & the Life Sciences** invites applications for Fall 2002 from students who wish to combine a law degree with a graduate degree in one of 7 graduate programs: **Molecular, Cellular, Developmental Biology & Genetics; Pharmacology; Health Services Research and Policy; Science, Technology & Environmental Policy; Conservation Biology; Ecology; and Environmental Health.** Students may also complete a Bioethics Minor through the University's Center for Bioethics. For more information call (612) 625-0055 or visit [www.jointdegree.umn.edu](http://www.jointdegree.umn.edu).

## CENTER FOR VECTOR-BORNE DISEASES (CVEC)

SCHOOL OF VETERINARY MEDICINE ~ UNIVERSITY OF CALIFORNIA, DAVIS

**Faculty Position in Epidemiology.** Assistant Professor of Epidemiology/Assistant Epidemiologist at the UC Center for Vector-Borne Diseases (CVEC). Salary dependent on qualifications and experience. PhD or equivalent required with advanced training in epidemiology. DVM or MD desirable. Demonstrated aptitude/experience in teaching. Documented research record or potential to develop an independent research program in vector-borne disease epidemiology. Demonstrated ability or potential to obtain competitive extramural funds. Understanding and experience applying contemporary methods of experimental design and data analysis essential, including spatial/GIS and temporal analyses. Excellent interpersonal skills.

To receive fullest consideration, applications must be received by October 1, 2001; position open until filled. Submit: 1) letter of intent outlining special interest in position, overall related qualifications and experience, and career goals; 2) curriculum vitae; 3) dissertation or copies of up to three relevant publications; and 4) names and addresses of three professional references to: John D. Edman ([jdedman@ucdavis.edu](mailto:jdedman@ucdavis.edu)), Center for Vector-Borne Diseases, School of Veterinary Medicine, University of California, Davis 95616. Affirmative Action/Equal Opportunity Employer.

# Staff Clinician Vacancy



National Institute of Environmental Health Sciences  
National Institutes of Health  
Bethesda, Maryland

The **National Institute of Environmental Health Sciences (NIEHS)**, National Institutes of Health (NIH), Public Health Service (PHS) is seeking a Staff Clinician to facilitate development of a new clinical research program in the role of genetic and environmental factors in the pathogenesis of autoimmune diseases at the Clinical Center in Bethesda. Staff Clinicians are physicians who spend a majority of their time providing critical clinical services to the NIH. The Staff Clinician is also expected to provide clinical leadership and the highest level of clinical care. The individual will work under the Chief of the Environmental Autoimmunity Group and collaborate closely with intramural laboratory programs to study the etiology, pathophysiology and natural history of patients with autoimmune diseases.

The successful candidate for this Staff Clinician position will have an M.D. degree or equivalent and board certification or qualification in Internal Medicine and Rheumatology. Formal training in clinical research, experience in conducting clinical studies and evidence of scholarly achievements in these areas are highly desirable. A valid U.S. medical license is required. Salary will be commensurate with the level of education and experience. The initial appointment is for five years and is renewable every five years indefinitely.

For additional information concerning this position, contact Frederick Miller, M.D., Ph.D., Chief, Environmental Autoimmunity Group, Office of Clinical Research, NIEHS, NIH, Bethesda, Maryland, at 301-451-6273 or e-mail: millerf@mail.nih.gov. Applications from women and minority groups are particularly encouraged. Interested candidates should submit a curriculum vitae and bibliography, reprints of up to 3 relevant publications, a summary of clinical experience, current interests and professional goals, and 3 letters of reference to the contact shown below. Applications must be postmarked by December 14, 2001.

Ms. Tammy Locklear (Vacancy Number HNV 01-17)  
NIEHS Human Resource Management Branch  
P.O. Box 12233, Maildrop EC-11  
Research Triangle Park, NC 27709 USA  
ph: 919-541-3317, e-mail: locklea1@niehs.nih.gov  
NIEHS/NIH is an equal opportunity employer

## HEAD, KNOCKOUT MOUSE CORE FACILITY



National Institute of Environmental Health Sciences  
National Institutes of Health  
Research Triangle Park, North Carolina

The National Institute of Environmental Health Sciences, National Institutes of Health, in Research Triangle Park, North Carolina, is reopening the recruitment to fill the position of Head of the Transgenic Knockout Core Facility in the Division of Intramural Research. The successful applicant will be a Staff Scientist in the Laboratory of Reproductive and Developmental Toxicology and responsible for generating mutant mice using embryonic stem cells. Additional duties will include planning and providing scientific oversight in designing targeting vectors for the generation of knockout mice, and providing expertise in mouse genetics and embryology.

Minimum qualifications include a Ph.D., D.V.M., or M.D. and knowledge of mouse molecular genetics or related topics. Priority will be given to individuals with postdoctoral training that includes appropriate demonstrated experience in the design of targeting vectors, screening of embryonic stem cells, and mouse colony husbandry. For additional information concerning this position, contact Dr. Yuji Mishina at mishina@niehs.nih.gov or by fax at 919-541-3800. Applications from women and minorities are particularly encouraged. The initial appointment is for five years and is renewable every five years thereafter. Salary will be commensurate with level of knowledge and experience of the appointee. Evaluation of applicants will begin July 23, 2001, and will extend until August 28, 2001, or until the position is filled. Interested parties should submit a curriculum vitae, bibliography, and brief statement of research interests, and arrange for the submission of three letters of recommendation to be sent to:

Ms. Tammy Locklear (HNV 01-11)  
NIEHS Human Resource Management Branch  
P.O. Box 12233, Mail Drop EC-11  
Research Triangle Park, NC 27709 USA  
ph: 919-541-3317, e-mail: locklea1@niehs.nih.gov

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# Yale University

## School of Medicine

### Division of Environmental Health Sciences Department of Epidemiology and Public Health

The Division of Environmental Health Sciences in the Department of Epidemiology and Public Health at Yale is accepting applications for a Junior Faculty position. Rank and salary will be commensurate with experience.

The Division seeks candidates with a commitment to excellence in research and teaching in all aspects of environmental health. Candidates are encouraged to apply whose research interests complement ongoing divisional research in the following areas: environmental agents in asthma and cancer; biomarkers in exposure assessment; the etiology of environmental related diseases; and the interaction of the environment with genetic susceptibility. We are particularly interested in applicants whose research interests are directed toward the application of biomarkers of environmental exposure/effects or gene-environment interactions in asthma development, asthma severity or cancer. The successful candidate will be expected to direct an externally funded research program and participate in teaching M.P.H., Ph.D., and M.D. students.

Research resources at Yale include; several large cohorts being followed for asthma development and severity, an Asthma Specialized Center of Research (SCORE), the John B. Pierce Laboratory, Yale Comprehensive Cancer Center and the Connecticut Surveillance Epidemiology End Results (SEER) site. Joint appointments with other departments in Yale School of Medicine and Pierce Laboratory are possible.

Applications will be reviewed as they are received. Interested applicants should send a full curriculum vitae, including funding history, a letter describing research interests and qualifications, and names and addresses of three persons who could provide references to: Brian P. Leaderer, Ph.D., EHS Search Committee Chair, Department of Epidemiology and Public Health, Yale University School of Medicine, 60 College Street, P.O. Box 208034, New Haven, CT 06520-8034. Please reply by January 11, 2002.

Yale is an equal opportunity, affirmative action employer, and welcomes applications from qualified women and minority candidates.

### Postdoctoral Positions

Two POSTDOCTORAL POSITIONS are offered to study fundamental mechanisms of oxygen in angiogenesis, cell-to-cell adhesion or free radical production/pathogenesis as well as the clinical effects of hyperbaric oxygen. Individuals with clinical experience who are interested in obtaining research training will receive special consideration. An exceptional opportunity exists for collaborative basic and clinical research as part of an NIH-funded Specialized Center of Research in Hyperbaric Oxygen Therapy. Interested candidates should submit curriculum vitae and names of three references to: Stephen R. Thom, M.D., Ph.D., Institute for Environmental Medicine, University of Pennsylvania, 1 John Morgan Building, 3620 Hamilton Walk, Philadelphia, PA 19104-6068.

#### Contact Person:

Stephen R. Thom, M.D., Ph.D.  
University of Pennsylvania  
Institute for Environmental Medicine  
Room 1 John Morgan Building  
3620 Hamilton Walk  
Philadelphia, PA 19104-6068  
Phone: 215.898.9095  
Fax: 215.573.7037